What is claimed is:

- 1. In a building with walls and more than one floor, an internal building pressure apparatus comprising:
 - a) at least one pressure sensor per floor;
 - b) a connection means for connecting pressure sensors; and
 - c) an analysis means connected to said pressure sensors for receiving input from said pressure sensors and for providing sensor data output.

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- 2. The apparatus of claim 1 further comprising a control system connected to said analysis means wherein said control system regulates pressure on each floor.
- 3. The apparatus of claim 1 wherein said building includes multiple floors and said analysis means provides sensor data output from a group of outputs including sensor data output from adjacent floors and sensor data output from non-adjacent floors.
- 4. The apparatus of claim 1 wherein said sensor data output includes output from a group including maximum pressure, minimum pressure, average pressure and

pressure in-between maximum and minimum, for a particular floor and the building as a whole.

5. The apparatus of claim1 further comprising at least one pressure sensor outside of said building and wherein said sensor data output includes output from a group including total internal building pressure, internal pressure of a particular floor, internal pressure of a portion of a particular floor and outside pressure.

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- 6. The apparatus of claim 1 wherein said sensor data output includes output from a group including within wall pressure only and between floor pressure only.
 - 7. The apparatus of claim 1 wherein element a) includes a plurality of pressure sensors per floor.
- 8. The apparatus of claim 1 wherein element a) includes pressure sensors on walls, floors and ceilings.
 - 9. The apparatus of claim 1 wherein said at least one pressure sensor is placed in a location selected from a group including within a wall cavity, within a floor cavity, within a ceiling cavity, in a room, corridor, hall and foyer and any interstitial space of said building.

- 10. In a building with walls and multiple floors, an internal building pressure apparatus comprising:
 - a) at least one pressure sensor on at least more than one of said multiple floors;
 - b) a connector connecting pressure sensors; and

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- c) an analyzer connected to said pressure sensors for receiving input from said pressure sensors and for providing sensor data output.
- 11. The apparatus of claim 10 further comprising a controller connected to the analyzer for controlling the pressure in said building in response to sensor data output from said analyzer.
 - 12. The apparatus of claim 10 wherein said building includes multiple floors and said analyzer provides sensor data output from a group of outputs including sensor data output from adjacent floors and sensor data output from non-adjacent floors.
 - 13. The apparatus of claim 10 wherein said sensor data output includes output from a group including maximum pressure, minimum pressure, average pressure and pressure in-between maximum and minimum, for a particular floor and the building as a whole.

- 14. The apparatus of claim 10 further comprising at least one pressure sensor outside of said building and wherein said sensor data output includes output from a group including total internal building pressure, internal pressure of a particular floor, internal pressure of a portion of a particular floor and outside pressure.
- 15. The apparatus of claim 10 wherein said sensor data output includes output from a group including within wall pressure only and between floor pressure only.

- 16. The apparatus of claim 10 wherein element a) includes a plurality of pressure sensors per floor.
 - 17. The apparatus of claim 10 wherein element a) includes pressure sensors on walls, floors and ceilings.
- 18. The apparatus of claim 10 wherein said at least one pressure sensor is placed in a location selected from a group including within a wall cavity, within a floor cavity, within a ceiling cavity, in a room, corridor, hall and foyer and any interstitial space of said building.
- 19. In a building with walls and multiple floors, a method of controlling internal building pressure, the method comprising the steps of;

- a) providing at least one pressure sensor on at least more than one of said multiple floors;
- b) connecting pressure sensors; and
- c) attaching an analyzer to said pressure sensors for receiving input from said pressure sensors and for providing sensor data output.
- 20. The method of claim 19 further comprising the step of attaching a controller to the analyzer and controlling the pressure in said building in response to sensor data output from said analyzer.
- 21. The method of claim 19 wherein said building includes multiple floors and said analyzer provides sensor data output from a group of outputs including sensor data output from adjacent floors and sensor data output from non-adjacent floors.
- 22. The method of claim 19 wherein said sensor data output includes output from a group including maximum pressure, minimum pressure, average pressure and pressure in-between maximum and minimum, for a particular floor and the building as a whole.

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- 23. The method of claim 19 further comprising the step of providing at least one pressure sensoroutside of said building and wherein said sensor data output includes output from a group including total internal building pressure, internal pressure of a particular floor, internal pressure of a particular floor and outside pressure.
- 24. The method of claim 19 wherein said sensor data output includes output from a group including within wall pressure only and between floor pressure only.
- 25. The method of claim 19 wherein step a) includes providing a plurality of pressure sensors per floor.
 - 26. The method of claim 19 wherein step a) includes providing pressure sensors on walls, floors and ceilings.
 - 27. The method of claim 19 further comprising the step of placing pressure sensors at locations selected from a group including within a wall cavity, within a floor cavity, within a ceiling cavity, in a room, corridor, hall and foyer and any interstitial space of said building.